

TCEQ Mechanical Sources

Current Best Available Control Technology (BACT) Guidelines

Glass Manufacturing Facilities

Source Type	Pollutant	Minimum Acceptable Control	Details
Raw Material Handling	Particulate Matter (PM)	99% reduction, outlet grain loading ≤ 0.01 gr/dscf	Typically achieved with a baghouse
Glass Furnace (Flat/Container/Pressed and Blown/Textile/Wool/Fiberglass)	PM	Performance level of 1.0 lb PM/ton of glass produced	Total PM, i.e., front and back half catch
	NO _x	Performance level of 1.4 lb NO _x /ton of glass produced	
	SO ₂	85% reduction or a performance level of 1.72 lbs SO ₂ /ton of glass produced	
	CO	Good combustion practices	
Dryers/Lehrs/Forehearth/Ovens	Products of Combustion	Pipeline quality sweet natural gas firing and good combustion practices	